

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **60007934 A**

(43) Date of publication of application: **16.01.1985**

(51) Int. Cl **B01J 13/02**

A61K 31/60, A61K 47/00, C07K 15/00

(21) Application number: **58118008**

(22) Date of filing: **29.06.1983**

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(54) PREPARATION OF LIPOSOME

(57) Abstract:

PURPOSE: To prepare uniform liposome efficiently and in large amt. by hydrating liposome membrane composing substance by kneading it with a small amt. of aq. solvent at a temp. above the phase transfer temp. of the membrane composing substance.

CONSTITUTION: 1pt.wt. liposome membrane com-

posing substance (e.g. phosphatidyl choline) is hydrated by kneading it with ca.0.2W8pts.wt. aq. soln. (e.g. water) at a temp. above the phase transfer temp. of the membrane composing substance. Then, necessary amt. (10W1,000pts.wt.) of aq. soln. is added to the mixture, and obtd. mixture is stirred at a temp. above the phase transfer temp. of the membrane composing substance. As a result, uniform liposome is obtd. efficiently and in a large amt.

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